



$$I(J^P) = \frac{1}{2}(\frac{1}{2}^+) \text{ Status: } ***$$

See the note in the Listing for the $\Xi_c^{'+}$, above.

Ξ_c^0 MASS

The mass is obtained from the mass-difference measurement that follows.

VALUE (MeV) _____ DOCUMENT ID _____

2577.9 ± 2.9 OUR FIT

$\Xi_c^0 - \Xi_c^0$ MASS DIFFERENCE

VALUE (MeV) _____ EVTS _____ DOCUMENT ID _____ TECN _____ COMMENT _____

107.0 ± 2.9 OUR FIT

107.0 ± 1.4 ± 2.5 28 JESSOP 99 CLE2 $e^+ e^- \approx \Upsilon(4S)$

Ξ_c^0 DECAY MODES

The $\Xi_c^{'+} - \Xi_c^0$ mass difference is too small for any strong decay to occur.

Mode	Fraction (Γ_i/Γ)
$\Gamma_1 \quad \Xi_c^0 \gamma$	seen

Ξ_c^0 REFERENCES

JESSOP 99 PRL 82 492 C.P. Jessop *et al.* (CLEO Collab.)

NODE=S059

NODE=S059

NODE=S059M

NODE=S059M

NODE=S059M

NODE=S059D

NODE=S059D

NODE=S059215;NODE=S059

NODE=S059

DESIG=1;OUR EST;→ UNCHECKED ←

NODE=S059

REFID=46550